

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14166	communicat\$3 near4 (power or AC or DC) near2 (line or transmission or system)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/12 08:06
L2	5	isolat\$3 with (modem near5 (mv or medium))	USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/12 08:16
L3	1	1 and 2	USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/12 08:07
L4	42	isolat\$3 with (modem near7 (lv or low))	USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/12 08:09
L5	9	1 and 4	USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/12 08:15
L6	15	((("5856776") or ("5592354") or ("5748104") or ("6785529") or ("5949327") or ("4815106") or ("3900842"))).PN.	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/12 08:16
L7	0	6 and (isolat\$3 with (modem or (mv or medium)))	USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/12 08:27
L8	5	6 and isolat\$3	USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/12 08:17
L9	126	1 and (isolat\$3 with (modem or (mv or medium)))	USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/12 09:10
L10	111	1 and (isolat\$3 with (modem or (lv or low adj voltage)))	USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/12 09:25
L11	7	1 and (isolat\$3 same (mv or medium adj voltage) same (lv or low adj voltage))	USPAT; EPO; JPO; DERWENT	OR	ON	2005/04/12 09:26

WO 2004054119 A2 A POWER LINE COMMUNICATION APPARATUS AND METHOD
US 6658051 B1 Electrical isolation tec 375/222 379/93.05
US 6442271 B1 Digital isolation system 379/399.0 379/412; 379/413; 379/413.03; 3
US 6359983 B1 Digital isolation system 379/399.0 375/285; 379/382; 379/399.02; 3
US 6307891 B1 Method and apparatus 375/285 379/412; 379/93.05
US 6255967 B1 Frame-based spectra 341/58
US 5999109 A Frame-based spectra 341/58 341/50; 341/76; 341/95
US 5198806 A Remote control and s 713/200 340/5.74; 379/102.04
US 6442271 B Digital isolation system used in telephone, modem, has bias voltage

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US 6646447 B2	Identifying one of a pl	324/539	324/522; 324/527; 324/66
US 6452482 B1	Inductive coupling of	340/310.0	340/310.03; 340/310.05; 340/310.07
US 6081586 A	Modem having a prog	379/93.29	379/93.05
WO 2004054119 A2	A POWER LINE COMMUNICATION APPARATUS AND METHOD		
US 6876742 B1	High-voltage protecti	379/412	379/27.05
US 6839343 B2	Physical layer router	370/352	370/401; 370/465; 370/537
US 6801541 B1	Method and apparatus	370/466	439/43; 710/104
US 6754341 B2	External resistor and	379/413	379/405; 379/412
US 6724066 B2	High breakdown volta	257/557	257/526; 257/565; 257/E21.372;
US 6703923 B2	Apparatus for providi	340/310.0	340/310.06; 340/310.08; 375/259
US 6680776 B2	Method and apparatus	356/73.1	
US 6661570 B2	Optical amplifier, opti	359/341.4	359/341.43
US 6658051 B1	Electrical isolation tec	375/222	379/93.05
US 6654409 B1	Direct digital access	375/220	375/222; 379/399.02; 379/412; 379/413
US 6647101 B2	Data access arranger	379/93.05	379/90.01; 379/93.29
US 6633236 B2	Permanent downhole	340/854.4	166/73; 340/854.3; 340/854.8; 340/854.9
US 6603807 B1	Isolator and a moderr	375/222	257/532
US 6597282 B2	Spread spectrum tran	340/310.0	340/310.03; 340/310.08; 375/130
US 6590493 B1	System, device, and r	340/310.0	340/310.02; 340/310.05; 340/310.07
US 6587560 B1	Low voltage circuits p	379/413.0	379/93.01; 379/93.03; 379/93.06
US 6535983 B1	System and method f	713/310	370/410; 710/15
US 6480602 B1	Ring-detect interface	379/399.0	379/376.02; 379/399.02; 379/413
US 6463495 B1	Command and contro	710/305	710/100; 710/107; 713/300
US 6456712 B1	Separation of ring det	379/399.0	375/219; 375/220; 375/222; 375/223
US 6442271 B1	Digital isolation syste	379/399.0	379/412; 379/413; 379/413.03; 379/413.04
US 6442213 B1	Digital isolation syste	375/285	341/118; 341/120
US 6430229 B1	Capacitive isolation s	375/285	341/110; 341/143; 379/373.01; 379/373.02
US 6427011 B1	Modem data access	379/399.0	379/26.01; 379/26.02; 379/27.01
US 6408034 B1	Framed delta sigma d	375/285	375/365
US 6389134 B1	Call progress monitor	379/373.0	379/252; 379/373.02; 379/373.03
US 6385235 B1	Direct digital access	375/220	375/222; 379/399.02; 379/412; 379/413
US 6383076 B1	Monitoring system for	463/40	463/16; 463/20; 463/25; 463/42
US 6370396 B1	Facility-wide commun	455/560	455/557; 455/561
US 6359983 B1	Digital isolation syste	379/399.0	375/285; 379/382; 379/399.02; 379/399.03
US 6359973 B1	Data access arranger	379/93.05	379/90.01; 379/93.29
US 6351530 B1	Modem having a digit	379/399.0	341/143; 370/494; 375/257; 379/258
US 6330330 B1	External resistor and	379/413	341/110; 341/139; 341/143; 379/412
US 6323796 B1	Digital isolation syste	341/143	375/219
US 6307891 B1	Method and apparatus	375/285	379/412; 379/93.05
US 6298133 B1	Telephone line interfa	379/399.0	379/412
US 6289070 B1	Digital isolation syste	375/377	341/118; 341/120
US 6282177 B1	Method and apparatus	370/278	370/311
US 6255967 B1	Frame-based spectra	341/58	

US 6243413 B1	Modular home-network	375/222	340/310.02; 370/311; 375/140; 3
US 6222922 B1	Loop current monitor	379/377	379/32.04
US 6198944 B1	Method for telephone	455/557	379/357.02; 455/558
US 6198816 B1	Capacitively coupled	379/373.0	379/377
US 6167134 A	External resistor and	379/413	379/379; 379/399.01; 379/405; 3
US 6167132 A	Analog successive ap	379/399.0	341/143; 341/155; 341/156; 341/
US 6160885 A	Caller ID circuit power	379/399.0	379/377; 379/382; 379/412; 379/
US 6154683 A	Low voltage industrial	700/150	700/21; 700/266
US 6154679 A	Bus isolator for indust	700/9	340/310.01; 700/1
US 6144326 A	Digital isolation syste	341/118	341/120
US 6141414 A	Data access arranger	379/399.0	379/377; 379/382; 379/412; 379/
US 6127942 A	Ultrasonic power sens	340/870.1	340/870.3; 367/134; 73/642
US 6118399 A	Coarse/fine switching	341/150	341/145
US 6115713 A	Networked facilities rr	707/10	709/201; 709/238; 714/1; 714/37
US 6104794 A	Architecture for minim	379/387.0	379/412; 379/413
US 6064326 A	Analog-to-digital conv	341/143	341/118
US 6061009 A	Apparatus and metho	341/143	327/337
US 6055435 A	Wireless telephone c	455/462	340/310.01; 340/310.03; 340/310
US 6040759 A	Communication syste	340/310.0	340/310.05; 340/310.06; 375/25
US 6037857 A	Serial data isolator inc	340/310.0	340/310.01; 340/310.07; 340/53
US 6037704 A	Ultrasonic power com	310/339	310/316.01; 310/318; 310/319
US 5999109 A	Frame-based spectra	341/58	341/50; 341/76; 341/95
US 5910236 A	Electrodes for electro	204/280	204/196.01; 204/196.1; 204/196.
US 5909488 A	Communication appa	379/376.0	379/382; 379/413; 379/418; 379/
US 5907576 A	CSK communication	375/130	
US 5893024 A	Data communication	725/125	725/127; 725/130
US 5884072 A	Networked facilities rr	709/223	700/2; 700/3; 709/224
US 5877565 A	Communication card	307/119	439/133; 439/344
US 5854904 A	Object-oriented modu	710/100	706/45; 713/300
US 5778173 A	Mechanism for enabli	713/201	705/75; 705/77
US 5631745 A	Multi-function telecorr	358/434	358/442; 358/444; 358/468; 370/
US 5618325 A	Method of manufactur	65/380	385/123; 65/25.1; 65/374.15; 65/
US 5598566 A	Networked facilities rr	713/324	713/300
US 5581229 A	Communication syste	340/310.0	340/310.01; 340/642; 340/953
US 5550980 A	Networked facilities rr	250/551	709/223
US 5550649 A	Multi-function telecorr	358/479	358/442; 358/444; 358/468; 379/
US 5522044 A	Networked facilities rr	709/222	709/229; 709/243
US 5511188 A	Networked facilities rr	707/203	707/104.1
US 5477216 A	Electrical metering de	340/870.0	340/870.03
US 5463735 A	Method of downloadir	709/222	370/351; 700/2; 709/237; 709/24
US 5463616 A	Method and apparatus	370/276	348/14.01; 370/468; 370/471; 37
US 5459459 A	Method and apparatus	340/870.0	324/142; 340/10.4; 340/870.01; 3
US 5448229 A	Method and apparatus	340/870.0	340/10.51; 340/310.01; 340/310.

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US 5444851 A	Method of accessing	709/222 709/208; 709/228; 709/242
US 5428351 A	Method and apparatus	340/870.0; 340/10.31; 340/310.01
US 5424709 A	Circuit for providing is	340/310.0 340/538
US 5384697 A	Networked facilities	700/10
US 5200930 A	Two-wire multi-chann	367/76
US 5198806 A	Remote control and s	713/200 340/5.74; 379/102.04
US 5181212 A	Method of emitting on	372/22 372/109; 372/21; 372/23
US 5163062 A	Method of frequency	372/29.02; 359/334; 372/108; 372/20; 372/3
US 5163061 A	Method of frequency	372/29.02; 359/334; 372/108; 372/20; 372/3
US 5136281 A	Monitor for remote al	340/644 340/506; 379/37; 379/42
US 5110226 A	Battery operated data	400/88 347/109; 347/222; 358/473; 361/
US 5037164 A	Workstation arrangen	108/50.02 108/50.18
US 5032833 A	Adaptive network rou	340/825.02
US 5031082 A	Remotely controlled s	362/233 340/310.02; 340/310.08; 340/538
US 4901307 A	Spread spectrum mul	370/320
US 4866761 A	Automatic meter read	379/106.04
US 4863223 A	Workstation arrangen	312/209 312/223.6
US 4715045 A	System protocol for c	375/285 329/316; 332/100; 370/527; 375/
US 4700188 A	Electric power measu	340/870.0; 324/110; 340/870.02; 361/81
US 4669068 A	Power transmission a	367/83
US 4667193 A	Addressing system fo	340/825.5; 340/10.32; 340/3.51; 340/3.52; 3
US 4577333 A	Composite shift keyin	375/272 329/300; 332/185; 340/310.02; 3
US 4573115 A	Supervisory control s	700/9 174/2; 340/3.1; 340/3.31; 361/11
US 4357605 A	Cash flow monitoring	340/825.2 340/310.01
US 3973240 A	Power line access da	375/212 340/310.06; 340/310.07; 375/228
US 3973087 A	Signal repeater for po	340/310.0 340/310.02; 340/825.21
US 3944723 A	Station for power line	178/3 340/825.02; 375/212
JP 63045957 A	LINE CONNECTION DEVICE	
WO 3039022 A1	POWERLINE COMMUNICATION SYSTEM	
EP 348758 A2	Circuit for providing isolation between components of a power con	
US 20040113757 A	Power line communication system operating method for use in CC	
WO 2003091855 A	Data communication system for electric power generating system,	
US 20030169155 A	Power distribution system usage method, involves receiving data :	
US 6472950 B	Broadband power combiner/divider for modem communication an	
US 6442271 B	Digital isolation system used in telephone, modem, has bias volta	
WO 200237817 A	Electrical isolation technique for digital subscriber line modem to c	
WO 200182497 A	Interfacing RF signals to medium voltage power lines e.g. for com	
US 5224154 A	Line powered data communication appts. having dual programme	
WO 9302518 A	Network monitoring and control appts. for number of devices on si	
SU 535565 A	Variable output constant voltage stabilizer - protects control transi	

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US 6646447 B2	Identifying one of a pl 324/539 324/522; 324/527; 324/66
US 6452482 B1	Inductive coupling of : 340/310.0 340/310.03; 340/310.05; 340/310.07
WO 2004054119 A2	A POWER LINE COMMUNICATION APPARATUS AND METHOD
US 20040113757 A	Power line communication system operating method for use in CC
US 20030169155 A	Power distribution system usage method, involves receiving data :
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SU 535565 A	Variable output constant voltage stabilizer - protects control transi

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